

What is claimed is:

Claims

- 1 1. A device for treating a body canal, comprising:
 - 2 a proximal end-piece positioned at a proximal end of said device;
 - 3 a distal end-piece positioned at a distal end of said device; and
 - 4 an elongated body portion disposed between said proximal end-piece and said
 - 5 distal end-piece, said body portion comprising a plurality of interconnected loops
 - 6 configured to fit within said body canal, each of said loops comprising a member defining
 - 7 at least one opening, the member of each loop passing through at least one opening of
 - 8 another loop to form said plurality of interconnected loops.
- 1 2. The device of claim 1 wherein said body portion comprises discrete loops.
- 1 3. The device of claim 1 wherein at least one loop member passes through the
2 openings of at least two other loops.
- 1 4. The device of claim 1 wherein at least one of said loop members defines a
2 plurality of openings arranged along a longitudinal axis of said body portion.
- 1 5. The device of claim 1 wherein at least one of said loops is substantially oval.
- 1 6. The device of claim 1 wherein at least one of said loops is substantially circular.
- 1 7. The device of claim 1 wherein at least one of said loops is substantially
2 rectangular.
- 1 8. The device of claim 1 wherein said member of at least one of said loops
2 comprises a substantially circular cross-section.

- 1 9. The device of claim 1 wherein at least one of said members comprises a closed
2 loop.
- 1 10. The device of claim 1 wherein at least one of said members comprises an open
2 loop comprising two ends.
- 1 11. The device of claim 10 further comprising a gap between said open loop ends, the
2 largest dimension of said gap being no greater than the diameter of an adjacent loop
3 member.
- 1 12. The device of claim 1 wherein at least one of said members is hollow.
- 1 13. The device of claim 1, wherein the elongated body portion further comprises a
2 segment connected to at least one of said loops.
- 1 14. The device of claim 13 wherein a surface of said segment is uneven.
- 1 15. The device of claim 14 wherein said surface of said segment comprises a
2 longitudinal groove.
- 1 16. The device of claim 13 wherein said segment is tubular.
- 1 17. The device of claim 1 wherein said members are biodegradable.
- 1 18. The device of claim 1 further comprising a drug releasable from said device.
- 1 19. The device of claim 18, further comprising a plug for releasing said drug.
- 1 20. The device of claim 18 wherein said devise further comprises a coating disposed
2 on at least a portion of said device, said coating releasing said drug in a solution.
- 1 21. The device of claim 1 wherein at least one of said end-pieces comprises a cross-
2 sectional area larger than a cross-sectional area of said body portion.
- 1 22. The device of claim 1 wherein at least one of said end-pieces is substantially
2 spherical.

1 23. The device of claim 1 wherein at least one of said end-pieces comprises an
2 inflatable balloon.

1 24. A delivery assembly for delivering a interventional device to a body site,
2 comprising:

3 an interventional device for treatment of a body site comprising a proximal end-
4 piece, a distal end-piece, and an elongated body portion; and

5 a stylet for positioning said interventional device at said body site, said stylet
6 reversibly attachable to said proximal end-piece and free of said distal end-piece and said
7 elongated body portion.

1 25. The delivery assembly of claim 24 wherein said style comprises a malecot at a
2 proximal end.

1 26. A method for treating a body canal in a patient, comprising:

2 inserting an interventional device into a body canal of a patient, said
3 interventional device comprising a proximal end-piece positioned at a proximal end of
4 said device, a distal end-piece positioned at a distal end of said device, and an elongated
5 body portion disposed between said proximal end-piece and said distal end-piece, said
6 body portion comprising a plurality of interconnected loops configured to fit within said
7 body canal, each of said loops comprising a member defining at least one opening, the
8 member of each loop passing through at least one opening of another loop to form said
9 plurality of interconnected loops; and

10 positioning said interventional device in said body canal.

1 27. The method of claim 26 wherein said body canal is the ureter, and wherein the
2 positioning step comprises positioning said proximal end-piece in a kidney of said patient
3 and positioning said distal end-piece in the urinary bladder of said patient.